

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-17 (Cancelled)

18. (Currently Amended) A communication device, comprising:

means for establishing ~~chip~~ and frame synchronization for at least one of a radio link or a channel; and

means for generating at least one frame synchronization word, said at least one word comprises at least one of the following pilot bit pattern, each bit of each pilot bit pattern being provided within a corresponding slot of a frame having 15 slots:

Slot No	1 2 3 4.....15
Pilot bit pattern 1 =	(1 0 0 0 1 1 1 1 0 1 0 1 1 0 0)
Pilot bit pattern 2 =	(1 0 1 0 0 1 1 0 1 1 1 0 0 0 0)
Pilot bit pattern 3 =	(1 1 0 0 0 1 0 0 1 1 0 1 0 1 1)
Pilot bit pattern 4 =	(0 0 1 0 1 0 0 0 0 1 1 1 0 1 1)
Pilot bit pattern 5 =	(1 1 1 0 1 0 1 1 0 0 1 0 0 0 1)
Pilot bit pattern 6 =	(1 1 0 1 1 1 0 0 0 0 1 0 1 0 0)
Pilot bit pattern 7 =	(1 0 0 1 1 0 1 0 1 1 1 1 0 0 0)
Pilot bit pattern 8 =	(0 0 0 0 1 1 1 0 1 1 0 0 1 0 1)

wherein the at least one synchronization word has maximum correlation results of opposite polarities at time shifts of zero and seven of a correlation period.

19. (Previously Presented) The communication device of claim 18, wherein the maximum correlation result at time shift of zero is a result of autocorrelation.

20. (Previously Presented) The communication device of claim 19, wherein the maximum correlation result at time shift of seven is a result of cross-correlation.

21. (Previously Presented) The communication device of claim 18, wherein the at least one frame synchronization word allows confirmation of frame synchronization.

22. (Currently Amended) The communication device of claim 18 or 25, wherein the establishing means establishes at least one of chip and-or frame synchronization using offset information of a common control physical channel.

23. (Previously Presented) The communication device of claim 18, further comprising means for transmitting the at least one frame synchronization word within the frame of a dedicated physical control channel.

24. (Previously Presented) The communication device of claim 18, wherein a correlation result is the same at time shift of 15 as time shift of 0.

25. (New) The communication device of claim 18, further comprising means for establishing chip synchronization for at least one of the radio link or the channel.